

1. A bracing device comprising:
  - a plurality of bracing members, each bracing member having an adjustable length;
  - a coupling device configured to couple the bracing members together;
  - and
  - wherein the coupling device allows the bracing members to support an enclosed geometric shape.
2. The bracing device of claim 1, wherein each bracing member further comprises a first and a second end.
3. The bracing device of claim 2, further comprising a plurality of articulating feet, each bracing member having a first articulating foot connected to the first end, and a second articulating foot connected to the second end.
4. The bracing device of claim 2, wherein each bracing member comprises an elongated hollow member having a first telescoping member configured to extend outward from the first end of each bracing member and a second telescoping member configured to extend outward from the second end of each bracing member.
5. The bracing device of claim 4, wherein the first and second telescoping members each further comprise a plurality of locking pins configured to maintain an extended position of the first and second telescoping member with respect to the corresponding bracing member.
6. The bracing device of claim 1, wherein each bracing member further comprises a plurality of holes configured to receive the coupling device.

7. The bracing member of claim 4, wherein the first telescoping member is configured to extend and maintain a desired distance from the first end and the second telescoping member is configured to extend and maintain substantially the same distance from the second end as the desired distance.

8. The bracing device of claim 1, wherein the coupling device is further configured to couple the plurality of bracing members such that the bracing members are aligned with each other.

9. The bracing device of claim 1, wherein the coupling device is configured to permanently couple the bracing members, the coupling device configured such that each couple bracing member is individually positionable.

10. The bracing device of claim 1, wherein each bracing member further comprises a hole located at the longitudinal center of the bracing member, the hole configured to receive the coupling device.

11. The bracing device of claim 1, wherein the coupling device is configured to couple the bracing members such that the bracing members are rotatable through a 360-degree range around the coupling device.

12. The bracing device of claim 1, wherein the coupling device is further configured to couple a first bracing member and a second bracing member to maintain a substantially perpendicular relationship between the first bracing member and the second bracing member.

13. A method for bracing and supporting an enclosed geometric shape, the method comprising:

providing a bracing device comprising

a plurality of of bracing members, each bracing member having an adjustable length,

a coupling device that couples the bracing members together and allows the bracing members to support substantially all sides of an enclosed geometric shape;

adjusting the length of one of the bracing members to substantially the same length as a diameter of two opposing sides of the enclosed geometric shape;

installing the first bracing member between the two opposing sides; and

repeating the length adjustment and installation of additional bracing members of the bracing device until substantially all the sides of the enclosed geometric shape are supported by at least one bracing member of the bracing device.

14. The method of claim 13, further comprising articulating a plurality of feet, each bracing member having a first articulating foot attached to a first end, and a second articulating foot attached to a second end.

15. The method of claim 13, wherein adjusting the length of each bracing member further comprises extending a first telescoping member configured to extend outward from the first end of each bracing member.

16. The method of claim 13, wherein adjusting the length of each bracing member further comprises extending a second telescoping member configured to extend outward from the second end of each bracing member.
17. The method of claim 13, further comprising maintaining an extended position of the first and second telescoping member.
18. The method of claim 13, further comprising rotating the bracing members about the coupling device through a 360-degree range.
19. The method of claim 13, further comprising maintaining a substantially perpendicular relationship between a first and a second bracing member
20. A bracing apparatus, the apparatus comprising:
  - means for coupling a plurality of bracing members together;
  - means for supporting substantially all sides of an enclosed geometric shape; and
  - means for adjusting the length of a bracing member to substantially the same length as a diameter of two opposing sides of the enclosed geometric shape.